

2002 SONY MOBILE PRODUCT GUIDE



XM-5150GSX 5/3 Channel Amplifier

- 880W max power
- 40W x 4 + 150W x 1 into 4 Ω , 20Hz-20kHz, @ 0.04% THD
- 60W x 4 + 180W x 1 into 2 Ω , 20Hz-20kHz, @ 0.1% THD
- 120W x 2 + 150W x 1 into 4 Ω
- MOSFET Outputs
- MOSFET Power Supply
- Input Channel Selector (Front/Front + Rear)
- Variable F+R 50-300Hz Hi Pass, Sub 50-300Hz Low Pass Filter
- F+R RCA Inputs
- Indicates step-up

Audio Power Specifications

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

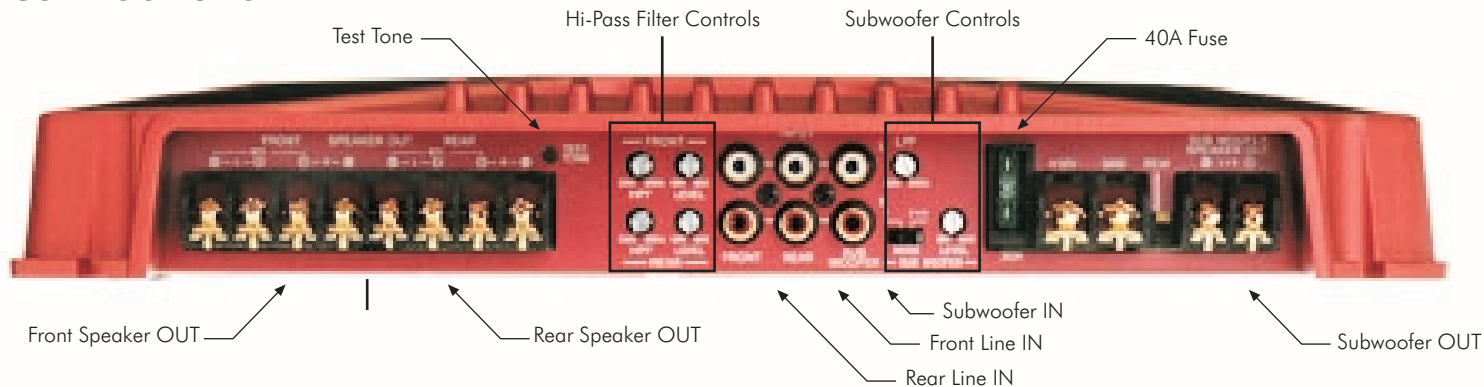
40 watts/150 watts per channel minimum continuous average power into 4 ohms, 5 channels driven from 50 Hz to 20 kHz/20 Hz to 300 Hz (subwoofer) with no more than 0.04% total harmonic distortion per Car Audio Ad Hoc Committee Standards.

Other Specifications

Circuit system	OTL (output transformerless) circuit Pulse power supply
Inputs	RCA pin jacks
Outputs	Speaker terminals
Speaker impedance	2 – 8 Ω (stereo) 4 – 8 Ω (when used as a bridging amplifier)
Maximum outputs	80 watts \times 4 + 300 watts \times 1 (at 4 Ω)
Rated outputs (supply voltage at 14.4 V)	
5 Speakers:	40 watts \times 4 (50 Hz – 20 kHz, 0.04% THD, at 4 Ω) + 150 watts \times 1 (20 – 300 Hz, 0.04% THD, at 4 Ω) 60 watts \times 4 (50 Hz – 20 kHz, 0.1% THD, at 2 Ω) + 180 watts \times 1 (20 – 300 Hz, 0.1% THD, at 2 Ω)
3 Speakers:	120 watts \times 2 (50 Hz – 20 kHz, 0.1% THD, at 4 Ω) + 150 watts \times 1 (20 – 300 Hz, 0.04% THD, at 4 Ω)
Frequency response	5 Hz – 50 kHz (+0 dB, -3 dB)
Harmonic distortion	0.005% or less (at 1 kHz, 4 Ω)
Input level adjustment range	0.2 – 6.0 V (RCA pin jacks)
High-pass filter	50 – 300 Hz, -12 dB/oct
Low-pass filter	50 – 300 Hz, -12 dB/oct
Power requirements	12 V DC car battery (negative ground)
Power supply voltage	10.5 – 16 V
Current drain	at rated output: 42 A Remote input: 1.0 mA
Dimensions	Approx. 358 \times 50 \times 264 mm (w/h/d) (14 1/8 \times 2 \times 10 1/2 in.) not incl. projecting parts and controls
Mass	Approx. 3.5 kg (7 lb. 11 oz.) not incl. accessories
Supplied accessories	Mounting screws (4)

**XM-5150GSX
5/3 Channel Amplifier**

Connections



Dimensions

Unit: mm (in.)

